



IFE

PATENT
ATTORNEY DOCKET NO.: 044574-5054-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of:

Kathryn G. KLEMIC *et al.*

Application No.: 10/698,936

Filed: November 3, 2003

FOR: PLANAR PATCH CLAMP ELECTRODES

)
)
)
)
) Group Art Unit: 1744
)
) Examiner: Unassigned
)
)
)
)

Commissioner for Patents
U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Attached is a PCT International Search Report (ISR) dated July 24, 2001, for PCT/US01/04407 corresponding to U.S. Patent Application 07/780,630 filed February 12, 1002, from which this application claims priority. The ISR lists a number of the cited documents. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents

do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such document.

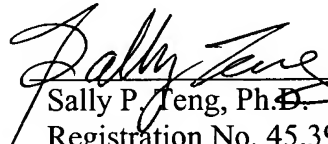
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

Respectfully Submitted,
Morgan Lewis & Bockius LLP

Date: May 27, 2004
Morgan Lewis & Bockius LLP
Customer No. **09629**
1111 Pennsylvania Avenue, N.W.
Washington, D.C. 20004
Tel. No.: 202-739-3000
SPT:mk

By:


Sally P. Teng, Ph.D.
Registration No. 45,397
Tel. No.: (202) 739-5734
Fax No.: (202) 739-3001

INFORMATION DISCLOSURE STATEMENT				Attorney Docket No. 044574-5054-01-US		Application No. 10/698,936	
(Use several sheets if necessary)				Applicants: Kathryn G. KLEMIC <i>et al.</i>			
PTO Form 1449				Filing Date: Nov. 3, 2003		Group Art Unit: 1744	

OFFICE

MAY 27 2004

USPTO

PATENT DOCUMENTS							
*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date	
	5,981,268	11/1999	Kovacs <i>et al.</i>	435	287.1	5/30/97	
	6,020,047	02/2000	Everhart	428	209	9/4/96	
	6,048,722	04/2000	Farb <i>et al.</i>	435	287.1	7/7/97	
	6,368,851	04/2002	Baumann <i>et al.</i>	435	285.2	5/27/99	
	6,379,916	04/2002	Meyer, Jeorg Uwe	435	29	5/30/00	

FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Sub Class	Translation Yes No	
	JP 4338240	5/14/91	Japan			Abstract	
	WO 94/25862	11/10/94	PCT				
	WO 97/45730	12/4/97	PCT				
	WO 98/50791	11/12/98	PCT				
	WO 99/31503	6/24/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	Byfield <i>et al.</i> , 1994, Biosensors & Bioelectronics, 9: 373-400.
	Duffy <i>et al.</i> , 1998, Analytical Chemistry 70: 4974-4984.
	Green, 1989, Modern Plastics Encyclopedia, p. 270-272.
	Hammill <i>et al.</i> , 1981, Pflugers Arch., 391: 85-100.
	Kim <i>et al.</i> , 1995, Nature, 376: 581-584.
	Klemic <i>et al.</i> , 2000, Biophysical Journal, 78 (1): 266A (Abstract)
	Klemic <i>et al.</i> , Biosensors and Bioelectronics 17 (2002) 597-604
	Levis <i>et al.</i> , 1993, Biophy. J., 65: 1666-1677.
	Lowe, 1984, Trends in Biotechnology, 2: 59-65.
	Parker, 1989, Modern Plastics Encyclopedia, p. 264-268.
	Schmidt <i>et al.</i> , 2000, Angew. Chem. Int. Ed., 39: 3137-3140.
	Sigworth, 1986, Fed. Proc. 45(12): 2673-2677.

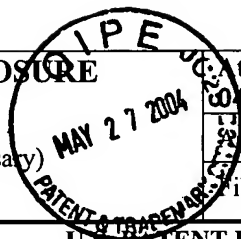
Examiner:	Date Considered:
-----------	------------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

PTO Form 1449



Attorney Docket No.
04574-5054-01-US

Application No. 10/698,936

Applicants: Kathryn G. KLEMIC *et al.*

Filing Date: Nov. 3, 2003

Group Art Unit: 1744

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	2002/0104757	08/2002	Schmidt	204	418	9/14/01
	2002/0006357	01/2002	McGeoch <i>et al.</i>	422	82.01	4/27/01

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Sub Class	Translation Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Sigworth <i>et al.</i> , 1995, J. Neurosci Methods, 56: 203-215.
	Xia <i>et al.</i> , 1996, Science, 273: 347-349.
	Xia <i>et al.</i> , 1998, Angew. Chem. Int. Ed., 37: 550-575.

Examiner:

Date Considered:

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.